

*Estimate
N/A-Not Applicable
N/R-Not Restricted
N/E-Not Established

MATERIAL SAFETY DATA SHEET

NOTE: BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.					
IDENTITY (As shown on Label or package) PLASTI DIP and PLASTI DIP UV (F-698, 819, 820)			PART NO. IF APPLICABLE 29980036		
SECTION I					
MANUFACTURER'S NAME Plasti Dip International Inc.			EMERGENCY PHONE No. USA only: 1-800-424-9300 INT'L: 703-527-3887		
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 3920 Pheasant Ridge Drive			REVISION # 0003		
Blaine, MN 55449			MANUFACTURER'S PHONE No. FOR INFORMATION 1-763-785-2156		
			DATE MSDS WAS PREPARED October 20, 2004		
SECTION II - HAZARDOUS INGREDIENTS INFORMATION. All Health Hazards which comprise 1% or greater of the composition and all carcinogens if 0.1% of the composition or greater.					
HAZARDOUS COMPONENTS CHEMICAL and IDENTITY AND COMMON NAME (S)	% Wt. (OPTIONAL)	CAS NO.	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMEND
VM&P Naphtha	36.5 – 37.1	64742-89-8	300 ppm	300 ppm	None
Hexane	18.2 – 18.6	110-54-3	500 ppm	50 ppm	None
Toluene	14.6 – 14.8	108-88-3	200 ppm	50 ppm	None
Methyl Ethyl Ketone	3.5 – 3.7	78-93-3	200 ppm	200 ppm	None
Resins	25.8 – 27.1	N/A	N/A	N/A	None
SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS					
BOILING POINT 149-285°F	SPECIFIC GRAVITY (H₂O =1) 0.79 – 0.83		APPROXIMATE WEIGHT PER GALLON (LBS) 6.60 – 6.90		
VAPOR PRESSURE 125 mmHg @ 20°C	VAPOR DENSITY (AIR = 1) Heavier than air		EVAPORATION RATE (BUTYL ACETATE =1) >1.0		
SOLUBILITY IN WATER Insoluble	% VOLATILE 72.8 – 74.8 VOC LBS/GAL 4.9-5.0		OTHER (IF ANY) None		
APPEARANCE AND ODOR Various colors, Honey Like Substance – Characteristic Odor					
SECTION IV-FIRE AND EXPLOSION HAZARD DATA					
FLASH POINT -10.0°F (METHOD USED) TCC		FLAMMABLE LIMITS	LEL 0.9	UEL 11.5	
EXTINGUISHING MEDIA Carbon Dioxide, Dry Chemical, or Foam					
SPECIAL FIRE FIGHTING PROCEDURES Self contained breathing apparatus with a full face piece, operated in pressure demand or other positive pressure mode.					
UNUSUAL FIRE AND EXPLOSION HAZARDS This material is flammable and may be ignited by heat, sparks, flame or static electricity.					
HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION Carbon Dioxide and/or Carbon Monoxide					
EXPLOSIVE LIMITS (% BY VOLUME IN AIR) 0.9 – 11.5					
SECTION V - OPTIONAL HAZARD RATINGS IDENTIFICATION					
HAZARD RATING 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT **SEE SECTION IV		National Fire Protection Association (NFPA) FIRE <u>3</u> REACTIVITY <u>0</u> . HEALTH <u>2</u> SPECIAL HAZARDS <u>None</u> .			

SECTION VI - REACTIVITY AND STABILITY DATA			
STABILITY		UNSTABLE STABLE X	
INCOMPATIBILITY (Materials to Avoid) Strong acids, bases, oxidizing agents, selected amines with alkali metals and halogens.			
HAZARDOUS DECOMPOSITION OR BY PRODUCTS Carbon Monoxide, Carbon Dioxide			
HAZARDOUS POLYMERIZATION		MAY OCCUR WILL NOT OCCUR X	
		CONDITIONS TO AVOID May be ignited by heat, sparks, flame or static electricity.	
SECTION VII - HEALTH HAZARD DATA			
ROUTES OF ENTRY		INHALATION? YES SKIN? YES INGESTION? YES EYES? YES	
HEALTH HAZARDS	ACUTE	X	
	CHRONIC	X	
CARCINOGENICITY: No			
SIGNS AND SYMPTOMS OF EXPOSURE			
Headache, Dizziness, Drowsiness, Fatigue, Irregular Heartbeat, Skin and Eye Irritation.			
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE			
EMERGENCY AND FIRST AID PROCEDURES		Ingestion: Contact Physician or Poison Control Immediately.	
		Inhalation: Remove to fresh air. Administer Oxygen or Artificial Respiration if Necessary.	
		Eye Contact: Flush with large amounts of water. If irritation persists, contact Physician.	
		Skin: Wash with soap and water.	
SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED		Wipe up with floor absorbent. Transfer to hood. Prevent run-off to sewers.	
		Eliminate all sources of ignition. Ventilate to maintain exposure below PEL's. Use sand or other material to dam or contain	
		Spills. If large spill, notify appropriate state and local agencies.	
WASTE DISPOSAL METHODS Dispose of product in accordance with local, county, state and federal regulations.			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE		Avoid eye contact with eyes. Keep container closed. Use with adequate ventilation. Keep away from sparks, flame and heat	
		Sources and store in a cool area. Avoid inhalation of vapors and personal contact with liquid product.	
		Use good personal hygiene practices.	
OTHER PRECAUTIONS		Keep Container Closed When Not In Use. Containers should be disposed of in an environmentally safe manner in accordance with Governmental Regulations.	
SECTION IX - CONTROL MEASURES			
RESPIRATORY PROTECTION (SPECIFY TYPE) Depending on the Airborne concentration, use a Respirator with appropriate NIOSH approved cartridge or supplied air equipment.			PROTECTIVE GLOVES Impervious Gloves
VENTILATION	LOCAL EXHAUST Supplemental (if needed)		SPECIAL None
	MECHANICAL (GENERAL) To maintain exposure below PEL's		OTHER None
EYE PROTECTION Chemical splash goggles, or approved eye protection.			OTHER PROTECTIVE CLOTHING OR EQUIPMENT Chemical Apron/Eye bath/Safety Shower
WORK HYGIENIC PRACTICES Wash thoroughly after handling.			
SECTION X - TRANSPORTATION INFORMATION			
DOT PROPER SHIPPING NAME Coating Solution		DOT HAZARD CLASS 3	
DOT UN NUMBER UN1139		DOT PACKING GROUP II	
IATA PROPER SHIPPING NAME Coating Solution		IATA HAZARD CLASS 3	
IATA UN NUMBER UN 1139		IATA PACKING GROUP II	
SECTION XI - 313 SUPPLIER NOTIFICATION			
THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT -TO-KNOW ACT OF 1986, 40 CFR 372, (see table on page 1 for CAS # and percent by weight). Hexane, Toluene, and Methyl Ethyl Ketone			
WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM.			

This is the "back" when printed in duplex. Page 2 of 2 pages if not duplex.

Prepared By: Andrew Stooksbury

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MATERIAL SAFETY DATA SHEET

NOTE: BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.					
IDENTITY (As shown on Label or package) PLASTI DIP SPRAY (ALL COLORS)			PART NO. IF APPLICABLE 29980067		
SECTION I					
MANUFACTURER'S NAME Plasti Dip International Inc.			EMERGENCY PHONE No. USA only: 1-800-424-9300 INT'L: 703-527-3887		
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 3920 Pheasant Ridge Drive			REVISION # 0004		
Blaine, MN 55449			MANUFACTURER'S PHONE No. FOR INFORMATION 1-763-785-2156		
			DATE MSDS WAS PREPARED October 20, 2004		
SECTION II - HAZARDOUS INGREDIENTS INFORMATION. All Health Hazards which comprise 1% or greater of the composition and all carcinogens if 0.1% of the composition or greater.					
HAZARDOUS COMPONENTS CHEMICAL and IDENTITY AND COMMON NAME (S)	% Wt. (OPTIONAL)	CAS NO.	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMEND
Propane	24	74-98-6	1000 ppm	1000 ppm	None
V M & P Naphtha	18	64742-89-8	300 ppm	300 ppm	None
Xylene	15	1330-20-7	100 ppm	100 ppm	None
Heptane	13	426260-76-6	500 ppm	400 ppm	None
N-Butane	11	106-97-8	800 ppm	800 ppm	None
Ethylbenzene	3	100-41-4	100 ppm	100 ppm	None
Methyl n-Amyl Ketone	3	110-43-0	100 ppm	50 ppm	None
SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS					
BOILING POINT <0 – 325 °F	SPECIFIC GRAVITY (H₂O =1) 0.67		APPROXIMATE WEIGHT PER GALLON (LBS) 5.59		
VAPOR PRESSURE 760 mm Hg @ 20 °C	VAPOR DENSITY (AIR = 1) Heavier than Air		EVAPORATION RATE (BUTYL ACETATE =1) >1.0		
SOLUBILITY IN WATER N/A	% VOLATILE 87%		OTHER (IF ANY)		
APPEARANCE AND ODOR Various colors, syrupy liquid, with solvent odor					
SECTION IV-FIRE AND EXPLOSION HAZARD DATA					
FLASH POINT Propellant < 0 °F		FLAMMABLE LIMITS	LEL 0.9	UEL 9.5	
EXTINGUISHING MEDIA Carbon Dioxide, Dry Chemical, or Foam					
SPECIAL FIRE FIGHTING PROCEDURES Self contained breathing apparatus with a full face piece, operated in pressure demand or other positive pressure mode.					
UNUSUAL FIRE AND EXPLOSION HAZARDS This material is flammable and may be ignited by heat, sparks, flame or static electricity. Level 3 aerosol (NFPA 30B). Contents under pressure if heated over 120°F aerosol can could explode, even when empty.					
HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION Carbon Dioxide and/or Carbon Monoxide					
EXPLOSIVE LIMITS (% BY VOLUME IN AIR) 0.9 – 9.5					
SECTION V - OPTIONAL HAZARD RATINGS IDENTIFICATION					
HAZARD RATING 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT **SEE SECTION IV		National Fire Protection Association (NFPA) FIRE 4 REACTIVITY 0 HEALTH 2 SPECIAL HAZARDS NONE			

SECTION VI - REACTIVITY AND STABILITY DATA			
STABILITY	UNSTABLE STABLE X		
INCOMPATIBILITY (Materials to Avoid) Strong acids, bases, oxidizing agents, selected amines with alkali metals and halogens.			
HAZARDOUS DECOMPOSITION OR BY PRODUCTS Carbon Monoxide and/or Carbon Dioxide			
HAZARDOUS POLYMERIZATION	MAY OCCUR WILL NOT OCCUR X	CONDITIONS TO AVOID Avoid contact with heat, sparks, and open flame. Product may explode if heated.	
SECTION VII - HEALTH HAZARD DATA			
ROUTES OF ENTRY	INHALATION? YES	SKIN? YES	INGESTION? YES EYES? YES
HEALTH HAZARDS	ACUTE X CHRONIC X		
CARCINOGENICITY: IARC 2B			
SIGNS AND SYMPTOMS OF EXPOSURE			
Headache, Dizziness, Drowsiness, Fatigue, Irregular Heartbeat, Skin and Eye Irritation.			
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE			
EMERGENCY AND FIRST AID PROCEDURES			
Ingestion: Contact Physician or Poison Control Immediately.			
Inhalation: Remove to fresh air. Administer Oxygen or Artificial Respiration if Necessary.			
Eye Contact: Flush with large amounts of water. If irritation persists, contact Physician.			
Skin: Wash with soap and water.			
SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED			
Wipe up with floor absorbent. Transfer to hood. Prevent run-off to sewers.			
Eliminate all sources of ignition.			
Ventilate to maintain exposure below PELs.			
WASTE DISPOSAL METHODS Dispose of product in accordance with local, county, state and federal regulations.			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE			
Keep away from sparks, flames, and heat sources.			
Do Not store above 120°F			
Level 3 aerosol (NFPA 30B).			
OTHER PRECAUTIONS			
Keep Container Closed When Not In Use. Store this product with adequate ventilation in cool areas.			
Never place aerosol in flame or fire, Even when Empty.			
SECTION IX - CONTROL MEASURES			
RESPIRATORY PROTECTION (SPECIFY TYPE) Depending on the Airborne concentration, use a Respirator with appropriate NIOSH approved cartridge or supplied air equipment.		PROTECTIVE GLOVES Impervious Gloves	
VENTILATION	LOCAL EXHAUST Supplemental (if needed)	SPECIAL None	
	MECHANICAL (GENERAL) To maintain exposure below PELs	OTHER None	
EYE PROTECTION Chemical splash goggles, or approved eye protection.		OTHER PROTECTIVE CLOTHING OR EQUIPMENT Chemical Apron/Eye bath/Safety Shower	
WORK HYGIENIC PRACTICES Wash thoroughly after handling.			
SECTION X - TRANSPORTATION INFORMATION			
DOT PROPER SHIPPING NAME Aerosols		DOT HAZARD CLASS 2.1	
DOT UN NUMBER UN1950		DOT PACKING GROUP N/A	
IATA PROPER SHIPPING NAME Aerosols, flammable		IATA HAZARD CLASS 2.1	
IATA UN NUMBER UN1950		IATA PACKING GROUP N/A	
SECTION XI - 313 SUPPLIER NOTIFICATION			
THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT -TO-KNOW ACT OF 1986, 40 CFR 372, (see table on page 1 for CAS # and percent by weight). Xylene and Ethylbenzene			
WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM.			

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Prepared By: Andrew Stooksbury

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IDENTITY (As shown on Label or package) PLASTI DIP JR. 7.25 FL.OZ. (F-846, 847)			PART NO. IF APPLICABLE 29980042		
SECTION I					
MANUFACTURER'S NAME Plasti Dip International Inc.			EMERGENCY PHONE No. USA only: 1-800-424-9300 INT'L: 703-527-3887		
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 3920 Pheasant Ridge Drive			REVISION # 0003		
Blaine, MN 55449			MANUFACTURER'S PHONE No. FOR INFORMATION 1-763-785-2156		
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SECTION II - HAZARDOUS INGREDIENTS INFORMATION. All Health Hazards which comprise 1% or greater of the composition and all carcinogens if 0.1% of the composition or greater.					
HAZARDOUS COMPONENTS CHEMICAL and IDENTITY AND COMMON NAME (S)	% Wt. (OPTIONAL)	CAS NO.	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMEND
VM & P Naphtha	33.5 - 35.6	64742-89-8	300 ppm	300 ppm	None
Heptane	14.5 - 15.1	426260-76-6	500 ppm	400 ppm	None
Xylene	12.5 - 13.0	1330-20-7	100 ppm	100 ppm	None
Methyl Ethyl Ketone	7.5 - 8.3	78-93-3	200 ppm	200 ppm	None
Ethylbenzene	3.0 - 3.2	100-41-4	100 ppm	100 ppm	None
SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS					
BOILING POINT 175 - 285°F 79 - 141°C	SPECIFIC GRAVITY (H₂O =1) 0.79 - 0.83		APPROXIMATE WEIGHT PER GALLON (LBS) 6.67 - 6.87		
VAPOR PRESSURE 78 mmHg @ 20°C	VAPOR DENSITY (AIR = 1) Heavier than air		EVAPORATION RATE (BUTYL ACETATE =1) > 1.0		
SOLUBILITY IN WATER Insoluble	% VOLATILE 71 - 75.2% VOC LBS/GAL 4.8 - 5.0		OTHER (IF ANY) None		
APPEARANCE AND ODOR Various Colors, Honey Like Substance - Characteristic Odor					
SECTION IV-FIRE AND EXPLOSION HAZARD DATA					
FLASH POINT 20.0°F / -7°C (METHOD USED) TCC		FLAMMABLE LIMITS	LEL 0.9	UEL 11.5	
EXTINGUISHING MEDIA Carbon Dioxide, Dry Chemical, or Foam					
SPECIAL FIRE FIGHTING PROCEDURES Self contained breathing apparatus with a full face piece, operated in pressure demand or other positive pressure mode.					
UNUSUAL FIRE AND EXPLOSION HAZARDS This material is flammable and may be ignited by heat, sparks, flame or static electricity.					
HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION Carbon Dioxide and/or Carbon Monoxide.					
EXPLOSIVE LIMITS (% BY VOLUME IN AIR) 0.9 - 11.5					
SECTION V - OPTIONAL HAZARD RATINGS IDENTIFICATION					
HAZARD RATING 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT **SEE SECTION IV		National Fire Protection Association (NFPA) FIRE <u> 3 </u> REACTIVITY <u> 0 </u> . HEALTH <u> 2 </u> SPECIAL HAZARDS <u> None </u> .			

SECTION VI - REACTIVITY AND STABILITY DATA			
STABILITY	UNSTABLE	STABLE X	CONDITIONS TO AVOID None
INCOMPATIBILITY (Materials to Avoid) Strong acids, bases, oxidizing agents, selected amines with alkali metals and halogens.			
HAZARDOUS DECOMPOSITION OR BY PRODUCTS Carbon Monoxide, Carbon Dioxide			
HAZARDOUS POLYMERIZATION	MAY OCCUR WILL NOT OCCUR X		CONDITIONS TO AVOID None
SECTION VII - HEALTH HAZARD DATA			
ROUTES OF ENTRY	INHALATION? Yes	SKIN? Yes	INGESTION? Yes EYES? Yes
HEALTH HAZARDS	ACUTE X	See Signs and Symptoms of Exposure below.	
	CHRONIC X	Brain and Nervous System Damage (Referred to as solvents or painters syndrome). Drying or Cracking skin.	
CARCINOGENICITY: IARC 2B			
SIGNS AND SYMPTOMS OF EXPOSURE			
Headache, Dizziness, Drowsiness, Fatigue, Irregular Heartbeat, Skin and Eye Irritation.			
Target Organs: CNS, CVS, PNS, Liver, Kidneys, Lungs, Respiratory System, Skin.			
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE Pre-existing Heart, Liver, Kidney and Lung disorders.			
EMERGENCY AND FIRST AID PROCEDURES			
Ingestion: Contact Physician or Poison Control Immediately.			
Inhalation: Remove to fresh air. Administer Oxygen or Artificial Respiration if Necessary.			
Eye Contact: Flush with large amounts of water. If irritation persists, contact Physician.			
Skin: Wash with soap and water.			
SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED			
Wipe up with floor absorbent. Transfer to hood. Prevent run-off to sewers.			
Eliminate all sources of ignition. Ventilate to maintain exposure below PEL's. Use sand or other material to dam or contain spills. If large spill, notify appropriate state and local agencies.			
WASTE DISPOSAL METHODS Dispose of product in accordance with local, county, state and federal regulations.			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE			
Keep away from sparks, flame and heat sources. Do not store above 120°F and use adequate ventilation.			
Avoid inhalation of vapors and contact with liquid product. Use good personal hygiene.			
OTHER PRECAUTIONS			
Keep Container Closed When Not In Use. Containers should be disposed of in an environmentally safe manner in accordance with Governmental Regulations.			
SECTION IX - CONTROL MEASURES			
RESPIRATORY PROTECTION (SPECIFY TYPE) Depending on the Airborne concentration, use a Respirator with appropriate NIOSH approved cartridge or supplied air equipment.			PROTECTIVE GLOVES Impervious Gloves
VENTILATION	LOCAL EXHAUST Supplemental (if needed)	SPECIAL None	
	MECHANICAL (GENERAL) To maintain exposure below PEL's	OTHER None	
EYE PROTECTION Chemical splash goggles, or approved eye protection.			OTHER PROTECTIVE CLOTHING OR EQUIPMENT Chemical Apron/Eye bath/Safety Shower
WORK HYGIENIC PRACTICES Wash thoroughly after handling.			
SECTION X - TRANSPORTATION INFORMATION (Optional)			
DOT PROPER SHIPPING NAME Coating Solution		DOT HAZARD CLASS 3	
DOT UN NUMBER UN1139		DOT PACKING GROUP II	
IATA PROPER SHIPPING NAME Coating Solution		IATA HAZARD CLASS 3	
IATA UN NUMBER UN 1139		IATA PACKING GROUP II	
SECTION XI - 313 SUPPLIER NOTIFICATION			
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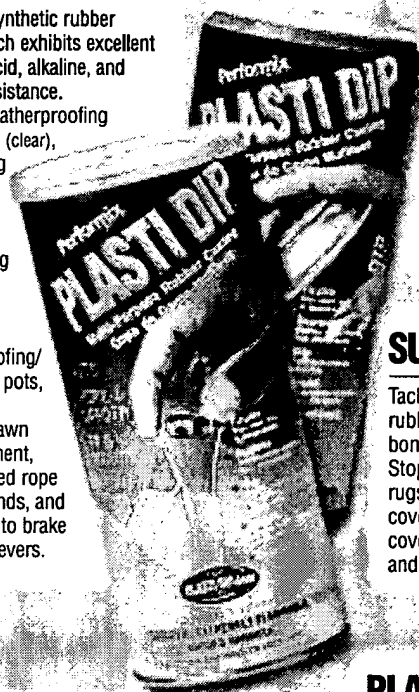


Performix™

BRAND

PLASTI DIP®

A flexible, synthetic rubber coating which exhibits excellent moisture, acid, alkaline, and abrasion resistance. Ideal for weatherproofing paper maps (clear), slip proofing running boards and foot rests, adding grip/color coding tool handles, weatherproofing/sealing clay pots, arts/crafts, protecting lawn care equipment, sealing frayed rope and cable ends, and adding grip to brake and clutch levers.



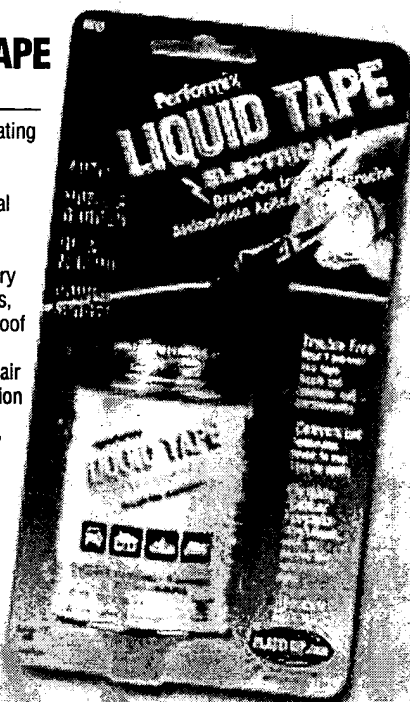
SUPER GRIP®

Tackified, synthetic rubber coating that bonds to most fabrics. Stops skidding of throw rugs, bath mats, and slip covers. Use on armchair covers, clothes hangers, and place mats.



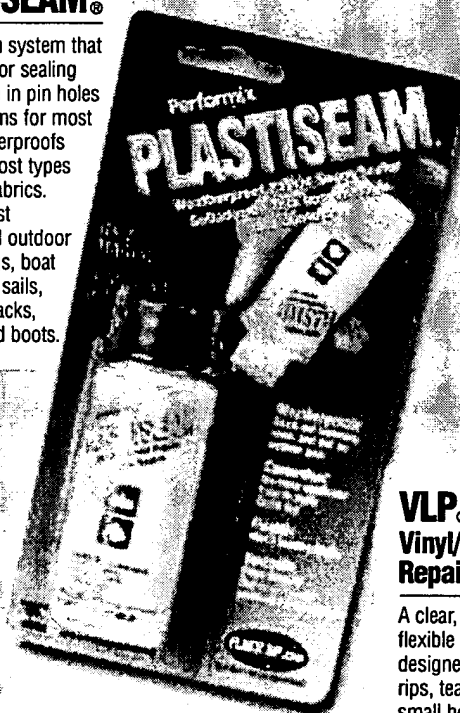
LIQUID TAPE ELECTRICAL

A dielectrical coating which seals out moisture when used on electrical connections: underhood auto repairs, accessory light connections, water/weatherproof wire nut connections, repair damaged extension cord casings, landscape, pool/spa electrical connections, boat trailer connections, and bilge/aerator pumps.



PLASTISEAM®

Flexible resin system that is excellent for sealing out moisture in pin holes in sewn seams for most fabrics. Waterproofs seams on most types of outdoor fabrics. Ideal for most camping and outdoor gear: awnings, boat tops/covers, sails, tents, backpacks, rainsuits, and boots.



VYNA BOND

A strong, flexible vinyl contact adhesive, for use on waterbeds, pool liners/covers, tarps, tops, awnings, tow-behind inflatables, waders, and outdoor gear.



VLP® Vinyl/Leather Repair

A clear, strong, flexible adhesive designed to mend rips, tears, and small holes on most types of vinyl surfaces: dashboards, seats, pool/spa covers, luggage, dishwasher racks, awnings, tarps/covers, inflatables, and outdoor gear.



PLASTI DIP INTERNATIONAL

3920 Pheasant Ridge Dr. • Blaine, MN 55449

763-785-2156 • 1-800-969-5432 • Fax 763-785-2058 • E-mail: PDI@PLASTIDIP.com

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PLASTI DIP.com



PLASTI DIP®

MULTI-PURPOSE RUBBER COATING

DESCRIPTION:

PLASTI DIP® is an air dry, synthetic rubber coating that can be easily applied by spraying, brushing or dipping. PLASTI DIP® resists moisture, acids, abrasion, weathering, electrical shock, skidding/slipping, corrosion; coats and gives a comfortable, controlled, color coded grip to all types of tools; lawn and garden, mechanical, electrical, woodworking and masonry. PLASTI DIP® can also be applied to:

Wood: seals and protects from weathering and prevents splinters.

Metal: reduces vibration, deadens sound, prevents corrosion, insulates electrically and from extreme temperatures.

Glass: shatterproofs glass objects (available in clear).

Rope/Fabrics: weatherproofs, prevents rotting and fraying.

Plastics: protects delicate surfaces from scratches.

Rubber: weatherproofs, wear resistant.

Maps: weatherproofs, tear resistant (available in clear).

SPECIFICATIONS:

Solids: (wt.) 24%

Tensile: (ASTM D -638) 3,740psi

Elongation: (ASTM D -638) 430%

Cut resistance: (ASTM D -1044) very good

Stone abrasion: (ASTM D -3170) excellent

Shelf life: 1 year at 77°F

Chemical resistance:

acids, alkalines, pollutants: excellent

petroleum: limited

Durometer: shore A (ASTM D -2240) 70

Salt spray: (ASTM B -117) passed 1,000 hours

Weatherability: (ASTM G -53) 3-5 years: PLASTI DIP

7 -10 years: PLASTI DIP U.V. Stable

Temperature use range: -30°F to 200°F.

Viscosity range: 80 - 100 K.U. @ 77°F (+/- 2°F)

Permeability: (ASTM E -96) .03 grains/sq. ft./hr.

Coverage: 30 sq.ft. per gallon at 15 mils

Dielectric: (ASTM D -149) 1,400 v/mil

ALTERNATIVE PRODUCTS:

For a water base alternative see HCFeccs® technical data sheet

SURFACE PREPARATION:

MIX WELL BEFORE USE.

All surfaces to be coated must be free of all oils, grease, dirt, wax and loose rust. A sandblasted or rough surface improves adhesion. Use PLASTI DIP® PRIMER on all metals for best results.

USE ADEQUATE VENTILATION.



Plasti Dip International
3920 Pheasant Ridge Drive
Blaine, MN 55449
Phone: 800-969-5432
Fax: 763-785-2058

PLASTI DIP.com

SPRAYING: Pressure pot may be used (siphon cup not recommended). Dilute with recommended thinners up to 50% as needed. Gently mix before spraying. Apply wet overlapping coats, holding gun 6" -12" from surface, using a 4"-6" pattern. Allow 10 -20 minutes dry time before applying additional coats to desired thickness.

RECOMMENDED EQUIPMENT AND SETTINGS:

Gun: Binks® model 95

Nozzle: 63B

Needle: 663A

Material: 20-25psi

Atomization: 15-25psi

Dilution: as needed

Cap: 63PB (up to 50% dilution) or 66S D (up to 50% dilution) for heavier build up.

Clean up: see recommended thinners.

SPRAYING: Airless equipment may be used. Use as described above.

Tip size: .011 - .019

Pressure: as needed

Dilution: up to 50%

DIPPING: Dilute with recommended thinners up to 25% as needed. Gently mix before each use. Do not introduce air bubbles. Insert item 1" every 5 seconds. Remove at same rate. Allow 30 -40 minutes (dry to the touch) dry time before applying additional coats to desired thickness.

BRUSHING: Dilute with recommended thinners up to 25% as needed. Gently mix before each use. Apply wet overlapping coats using a soft natural bristle brush. Allow 10 -20 minutes (dry to the touch) dry time before applying additional coats to desired thickness.

HINTS:

Recommended thinners: PLASTI DIP ® THINNER, Toluene or VM&P Naphtha. A dry film thickness of 12 -15 mils is recommended for best results. Approximate dry mil thickness per coat, dipping 6 -8 mils; brushing 4 -5 mils; spraying 2-5 mils. **Allow 4 hours dry time per coat before use.** Allow overnight drying whenever possible. When using a dip tank, allow 6" minimum from fluid surface to tank top to avoid "skinning over". Avoid excessive air movement, heat or humidity. Always use proper ventilation and protection.

ADDITIONAL APPLICATION IDEAS

Transformers

Rope

Joy Sticks

Electrical Boxes placed on the ground

Stove/Oven handles

LaCrosse Sticks/Nets

Food Grade Barrels

Control Boxes

Metal Grates

Pumps

Valves / Actuators

Pulleys & Rings

Poles

Underground tanks

Hardware & Metal surfaces to prevent electrical discharge & sparks

Cables / Straps

Wood

Circuit Boards

Magnets

Fabric

Astro Turf

Crutch Handles

Relay Electric Wench

Sharp edges

Hand Tools

Curtains

Clips

Glass

Pipes

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